

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"10/199075".app.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 17:25
L2	2	"10/224330".app.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 19:08
L3	9704	OLED	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 19:08
L4	476	L3 and electro-optical	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 19:09
L5	237	L4 and EL	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 19:09
L6	69	L5 and "345".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 19:09
S1	1	10/665120.app.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/03 17:24
S2	7	((("5903246") or ("5952789") or ("6091203") or ("6229506") or ("6229508") or ("6475845") or ("6501466"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/19 11:21
S3	2520	345/204.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:29
S4	2967	345/204-206.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:29

## EAST Search History

S5	2576	345/211-215.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 15:05
S6	1011	345/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:29
S7	804	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:30
S8	1675	345/82-84.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:31
S9	84685	multi-value or (multiple near value) or (binary near3 (voltage or data or video))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:32
S10	120	S9 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 14:01
S11	58378	electro-optical or (electro near optical) or OLED	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:33
S12	30	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:33
S13	8	S9 and S11 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:55
S14	12	S9 and S11 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:57

## EAST Search History

S15	4	S9 and S11 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 11:58
S16	9	S9 and S11 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 12:40
S17	3	("6661397").URPN.	USPAT	OR	ON	2006/04/19 14:26
S18	0	("6909410").URPN.	USPAT	OR	ON	2006/04/19 14:28
S19	5	("5502419"   "5629696"   "6661397"   "6750833"   "6778154").PN. OR ("6909410").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 14:28
S20	5	("6750833").URPN.	USPAT	OR	ON	2006/04/19 14:28
S21	10	("5886474"   "6130713"   "6169532"   "6177767"   "6191534"   "6417825"   "6529178").PN. OR ("6661397").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 14:31
S22	5	("5502419"   "5629696"   "6661397"   "6750833"   "6778154").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 14:37
S23	141	S5 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 15:05
S24	1	("2002/0047839").URPN.	USPAT	OR	ON	2006/04/19 15:49
S25	13	("5844368"   "5959599"   "6091203"   "6229506"   "6246384"   "6369785"   "6380689"   "6535185").PN. OR ("6750833").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 15:59
S26	77	("3590156"   "3761617"   "4006383"   "4114070"   "4482841"   "4528480"   "4532506"   "4554539"   "4613793"   "4652872"   "4736137"   "4797667"   "4957747"   "4958105"   "4962374"   "4963861"   "4975691"   "5003302"   "5028916"   "5063378"   "5079483"   "5095248"   "5172032"   "5302966"   "5463279"   "5670979"   "5684365"   "5952789").PN. OR ("6229506").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 16:02
S27	104912	capacitor with (current and voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:41

## EAST Search History

S28	12	(US-20020158855-\$ or US-20030052843-\$ or US-20020060674-\$ or US-20050093804-\$).did. or (US-6897884-\$ or US-6885385-\$ or US-6774876-\$ or US-6753834-\$ or US-6661397-\$ or US-6909410-\$ or US-6229506-\$ or US-6373454-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/19 17:22
S29	7	S27 and S28	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:35
S30	329991	(video or data or input) same (current and voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:35
S31	760	S5 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:36
S32	86	S31 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:40
S33	82409	(current and voltage) same mode	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:40
S34	1508	S11 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:45
S35	18	S34 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:41
S36	190	S5 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:48
S37	40754	(current and voltage) with mode	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:48

## EAST Search History

S38	98	S5 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/19 17:48
S39	213303	(power near3 (suppl\$4 or source)) same (current and voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:10
S40	2578	345/211-215.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:10
S41	546	S40 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:10
S42	58445	electro-optical or (electro near optical) or OLED	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:10
S43	57	S42 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:17
S44	116611	((analog and digital) with data)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:18
S45	21	S40 and S42 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:21
S46	140642	(current near3 voltage) with (mode or supply or source or data)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:35
S47	45	S40 and S42 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:35

## EAST Search History

S48	35	("20020047550"   "20020167474"   "20020171611"   "20030016201"   "20030048243"   "20030071804"   "20030071821"   "20030122813"   "20040070558"   "20040150590"   "20040150594"   "4471347"   "4751659"   "4769292"   "5061569"   "5159525"   "5216504"   "5281960"   "5428370"   "5521639"   "5592215"   "5594463"   "5739809"   "5742339"   "5910792"   "6057924"   "6097462"   "6229508"   "6335713"   "6344930"   "6414661"   "6456016"   "6504565"   "6518962"   "6870323").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 09:28
S49	11841	(current near3 voltage) near3 capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:35
S50	7	S40 and S42 and S49	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/20 09:35
S51	215701	(current and voltage) near5 (source or supply)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:45
S52	1730	345/76-77.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:43
S53	764	S51 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:44
S54	2604207	switch\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:44
S55	718	S51 and S54 and S52	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 17:38
S56	21	((electro adj optic) or electro-optic) and S55	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 15:49

## EAST Search History

S57	142589	(current and voltage) same switch\$3 same (source or supply)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 17:38
S58	635	S52 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 17:38
S59	18	S56 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/24 18:01
S60	2	"20050237286"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:23
S61	236	miyazawa-takashi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:25
S62	58674	electro-optical or (electro near optical) or OLED	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:26
S63	56	S61 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:30
S64	6	"6160533".pn. or "6433835".pn. or "20030132906"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:34
S65	15	"20020050962" or "20030030602" or "20030040149" or "2003012820" or "6501466".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:35
S66	2539	345/204.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50

## EAST Search History

S67	2588	345/211-215.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S68	1018	345/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S69	806	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S70	1683	345/82-84.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S71	84925	multi-value or (multiple near value) or (binary near3 (voltage or data or video))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:13
S72	120	S71 and S66	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S73	30	S72 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S74	8	S71 and S62 and S67	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S75	12	S71 and S62 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S76	4	S71 and S62 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50



## EAST Search History

S77	9	S71 and S62 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S78	58	S73 or S74 or S75 or S76 or S77	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 09:50
S79	216082	(current near5 (supply or source)) and (voltage near5 (supply or source))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 10:21
S80	1467	S79 and (S66 or S67 or S68 or S69 or S70)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 10:22
S81	375	S80 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 16:18
S82	203	(analog and digital) and S81	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 10:23
S83	2	("20020125831").PN. OR ("6806497"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:24
S84	1	"20020140646"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 11:24
S85	17661	multi-value or (multiple near value)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:13
S86	64	S85 and (S66 or S67 or S68 or S69 or S70)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:14
S87	2660	analog and (S66 or S67 or S68 or S69 or S70)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:14

## EAST Search History

S88	39	analog and (S66 or S67 or S68 or S69 or S70) and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:31
S89	246	digital and (S66 or S67 or S68 or S69 or S70) and (binary near3 (voltage or data or video))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:27
S90	52	digital and (S66 or S67 or S68 or S69 or S70) and (binary near3 (voltage or data or video)) and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:27
S91	24	analog and (S66 or S67 or S68 or S69 or S70) and S85 and current	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:34
S92	4	"6873319".pn. or "20030058195"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:36
S93	2	"20020154104"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/05/01 12:37
S94	77	("3590156"   "3761617"   "4006383"   "4114070"   "4482841"   "4528480"   "4532506"   "4554539"   "4613793"   "4652872"   "4736137"   "4797667"   "4957747"   "4958105"   "4962374"   "4963861"   "4975691"   "5003302"   "5028916"   "5063378"   "5079483"   "5095248"   "5172032"   "5302966"   "5463279"   "5670979"   "5684365"   "5952789").PN. OR ("6229506").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 15:04
S95	16	("20020050962"   "20030030602"   "20030040149"   "20030128200"   "5748165"   "5900856"   "5903246"   "5914699"   "5952789"   "6191768"   "6222515"   "6229506"   "6252572"   "6297792"   "6369786"   "6501466").PN. OR ("6930680").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/01 15:41